

What Is Claimed Is:

1. An electronic commerce system for conducting electronic transactions between a server system and a client system over a network such as the Internet, comprising:

download means for downloading to said client system via said network content comprising items and/or services provided from said server system;

parameter input means for entering into said client system client-side transaction parameters needed to complete a transaction relating to said content acquired via said download means;

file storage means for storing at least a portion of said transaction parameters entered via said parameter input means, said parameters being stored in a storage device provided on said client system side;

screen display update means for referring to the contents of said file and updating the screen display on said client system side in the event that said file is rewritten;

transmission means for transmitting said transaction parameters to said server system side via said network by means of a predetermined process on the client system side; and

transaction completing means provided to said server system for receiving said transmitted transaction parameters

and completing the transaction on the basis of the received transaction parameters.

2. The electronic commerce system according to claim 1,

5 wherein

the server system is a web server system having stored therein hypertext files in hypertext markup language format containing embedded JavaScript for operating the client system as said download means, said parameter input means, 10 said file storage means, said screen display update means, and said transmission means; and

the client system is a system that runs a web browser that executes at least hypertext transfer protocol, reads said hypertext files placed on said web server system, and 15 carries out process on the basis of JavaScript embedded in said hypertext files in order to perform the functions of said download means, said parameter input means, said file storage means, said screen display update means, and said transmission means.

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3. The electronic commerce system according to claim 1, wherein said file storage means combines transaction parameters in different frames and/or different browsers and stores in a file, when said content downloaded by said 25 download means and transaction parameters entered via said

parameter input means are handled by said different frames and/or said different browsers in said client system.

4. The electronic commerce system according to claim 3
5 wherein said screen display update means displays in an independent window a plurality of items of transaction information combined and stored in said file.

5. The electronic commerce system according to claim 4
10 further comprising:

a duplicate file separate from said file but associated with said file;

copying means for copying the contents of said file to said duplicate file at predetermined intervals when
15 transaction information is displayed in an independent window; and

means for, in the event that a new transaction parameter has been specified in said client system, writing said specified transaction parameter to said file; comparing the
20 contents of said file with said duplicate file; where the two do not match, determining that an independent window displaying said transaction information is not displayed; and displaying said independent window.

6. The electronic commerce system according to claim 4,
further comprising:

random number writing means for writing random numbers
to a predetermined location in said file at predetermined
5 intervals when transaction information is displayed in an
independent window;

rewrite determining means for, in the event that a new
transaction parameter has been specified in said client
system, writing to said file in accordance with said
10 specified transaction parameter; and reading the contents of
said predetermined location in said file to determine whether
said contents have been changed; and

display initiating means for determining that
independent window displaying said transaction information is
15 not displayed in the event that said contents have not
changed; and displaying said independent window.

7. The electronic commerce system according to claim 2
wherein said file storage means describes said file as a
20 cookie managed by said web browser run on said client system.

8. The electronic commerce system according to claim 1
wherein said transaction completing means verifies said
received transaction parameters and completes the transaction
25 when said transaction parameters have been verified.

9. An electronic commerce system server system
constituting part of the electronic commerce system according
to any of claims 1 to 7 for conducting electronic
5 transactions over a network such as the Internet, comprising:

means functioning as a web server;

means for transmitting to said client system files in
hypertext markup language format containing embedded
JavaScript for operating the client system as said download
10 means, said parameter input means, said file storage means,
said screen display update means, and said transmission
means; and

transaction completing means for receiving transaction
parameters transmitted from said client system via said
15 network, and completing the transaction on the basis of said
received transaction parameters.

10. A client system for use in electronic transactions
with a server system over a network such as the Internet,
20 comprising:

receiving means for receiving content consisting of
items and/or services provided by said server system over
said network;

parameter input means for entering transaction parameters needed to complete a transaction relating to said content acquired via said download means;

file storage means for storing in a storage device at least a portion of said transaction parameters entered via said parameter input means;

screen display update means for referring to the contents of said file and updating the screen display on the monitor in the event that said file changes; and

transmission means for transmitting said transaction parameters to said server system side via said network by means of a predetermined process.

11. A computer program product stored on a computer readable medium, for a client system of electronic transactions with a server system over a network such as the Internet, comprising:

code that receives content consisting of items and/or services provided by said server system over said network;

code that enters transaction parameters needed to complete a transaction relating to acquired said content;

code that stores in a storage device at least a portion of said entered transaction parameters;

code that refers to the contents of said file and updating the screen display on the monitor in the event that said file changes; and

code that transmits said transaction parameters to said
5 server system side via said network by means of a predetermined process.

12. A method for electronic commerce conducted between a server system and a client system over a network such as
10 the Internet, comprising the steps of:

downloading to said client system content consisting of items and/or services provided by said server system over said network;

entering into the client system side client-side
15 transaction parameters needed to complete a transaction relating to said content acquired via said download;

storing at least a portion of said entered transaction parameters in a storage device provided on said client system side;

20 referring to the contents of said file and updating the screen display on said client system in the event that said file changes;

transmitting said transaction parameters to said server system via said network by means of a predetermined process
25 on said client system side; and

receiving said transmitted transaction parameters at said server system and completing the transaction on the basis of the received transaction parameters.

5 13. The method for electronic commerce according to claim 12 further comprising the steps of:

initially receiving transaction parameters transmitted to said server system over said network; and

10 verifying said received transaction parameters and completing the transaction when said transaction parameters have been confirmed.